



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/645,590
Applicant : Markku KOULU
Filed : August 25, 2000
TC/A.U. : 1635
Examiner : S. McGarry

Docket No. : 2630-106
Customer No. : 06449
Confirmation No. : 3991

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, Virginia 22313-1450

**REPLY TO NOTICE TO COMPLY
WITH SEQUENCE REQUIREMENTS**

This Reply is submitted in response to the Notice to Comply with Sequence Requirements, mailed December 19, 2003, in connection with the above-identified application. A response to the Notice is due January 18, 2004. Because January 18, 2004 falls on a Sunday, and Monday, January 19, 2004 is a Federal holiday, a response filed the next succeeding business day, i.e., Tuesday, January 20, 2004 is considered timely. Accordingly, this Reply is being timely filed.

Remarks begin on page 2 of this paper.

Copies of the Notice to Comply and Sequence Listing in paper and computer readable forms are attached following page 2 of this paper.

Application No. 09/645,590
Amendment dated January 20, 2004
Reply to Notice to Comply dated December 19, 2003

REMARKS

In response to the Notice to Comply with Sequence Requirements mailed December 19, 2003, Applicants submit the attached Sequence Listing in both paper and computer readable form. Entry of the Sequence Listing into the application is respectfully requested. It is hereby stated that the content of the Sequence Listing information recorded on the computer readable form is identical to the Sequence Listing written on paper and contains no new matter.

In view of the above remarks and the submission of the attached Sequence Listing, Applicants believe that the present application fully complies with the Sequence Requirements. The Examiner is invited to telephone the undersigned if it is deemed to expedite prosecution of the application.

Respectfully submitted,

Date: January 20, 2004 By



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2630-106.am3

Attachments: Copy of PTO Notice to Comply
Copy of Substitute Sequence Listing in both paper and computer readable form

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- U.S. PATENT AND TRADEMARK OFFICE**
JAN 20 2004
- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
 - ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
 - ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
 - ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
 - ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
 - ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
 - ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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